

## UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE X WATER SANDS \_\_\_\_\_ LOCATION INSPECTED GAS SUB REPORT/abd \_\_\_\_\_  
*\* Location Abandoned - Well never drilled - 11-12-82*

DATE FILED 7-1-82

LAND: FEE & PATENTED \_\_\_\_\_ STATE LEASE NO. \_\_\_\_\_ PUBLIC LEASE NO. U- 23777 INDIAN \_\_\_\_\_

DRILLING APPROVED: 7-1-82

SPUDDED IN: \_\_\_\_\_

COMPLETED: \_\_\_\_\_ PUT TO PRODUCING: \_\_\_\_\_

INITIAL PRODUCTION: \_\_\_\_\_

GRAVITY A.P.I. \_\_\_\_\_

GOR. \_\_\_\_\_

PRODUCING ZONES: \_\_\_\_\_

TOTAL DEPTH: \_\_\_\_\_

WELL ELEVATION: 6683' GR

DATE ABANDONED: LA 11-12-82

FIELD: WILDCAT 3/86

UNIT: \_\_\_\_\_

COUNTY: EMERY

WELL NO. FERRON FEDERAL #6-1 API NO. 43-015-30116

LOCATION 2445' FT. FROM (N) XX LINE. 1758' FT. FROM XX (W) LINE. SE NW 1/4 - 1/4 SEC. 1

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
<u>17S</u>	<u>7E</u>	<u>1</u>	<u>CHANDLER &amp; ASSOCIATES, INC</u>				

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL  
 OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR  
 CHANDLER & ASSOCIATES, INC.

3. ADDRESS OF OPERATOR  
 1401 Denver Club Bldg, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface 1758' FWL 2445' FNL (SE NW LOT 11)  
 At proposed prod. zone SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approx. 11 miles Northwest of Huntington, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1758'

16. NO. OF ACRES IN LEASE 2431.29

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. NA

19. PROPOSED DEPTH 5530'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6683' GR

22. APPROX. DATE WORK WILL START\* June 20, 1982

5. LEASE DESIGNATION AND SERIAL NO.  
 U-23777

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 -----

7. UNIT AGREEMENT NAME  
 -----

8. FARM OR LEASE NAME  
 Ferron-Federal

9. WELL NO.  
 6-1

10. FIELD AND POOL, OR WILDCAT  
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 1-17S-7E

12. COUNTY OR PARISH  
 Emery

13. STATE  
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8-5/8"	24#	240'	150 s.k.
7-7/8"	5 1/2"	15.5#	5530'	265 s.k.

1. Drill to TD of 5530' (Dakota).
2. Run 5 1/2" casing if commercial production is indicated.
3. If dry hole, P&A as instructed by the U.S.G.S.
4. Well will be drilled with compressed air, tested open hole and mudded up to run 5 1/2" casing.
5. Well control equipment will include double hydraulic system of 900 Series. A fillup line will be installed, equipment pressure tested before drilling out from under surface and equipment mechanically checked daily while drilling.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: June 1, 1982  
BY: [Signature]

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present production zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED James W. Rowland TITLE Petroleum Engineer DATE June 1, 1982  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

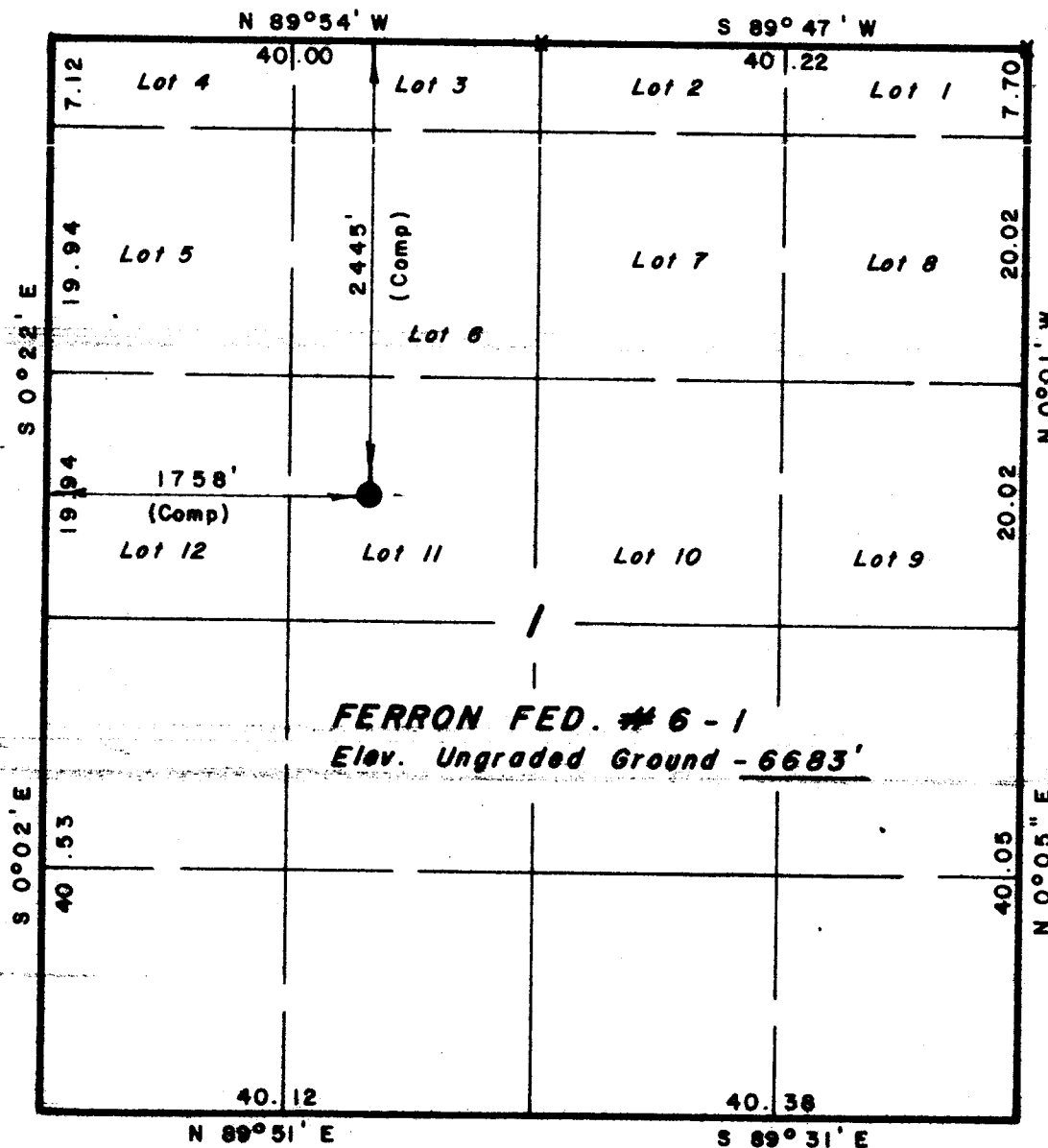
CONDITIONS OF APPROVAL, IF ANY:

**T17S, R7E, S.L.B.&M.**

PROJECT

**CHANDLER & ASSOCIATES INC.**

Well location, **FERRON FEDERAL #6-1**, located as shown in Lot 11, Section 1, T17S, R7E, S.L.B.&M., Emery County, Utah.



**FERRON FED. #6-1**  
**Elev. Ungraded Ground - 6683'**

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*[Signature]*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO 2454  
 STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
 P.O. BOX 9 - 85 SOUTH - 200 EAST  
 VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	5/21/82
PARTY	DA, JK, RS JH	REFERENCES	GLO PLAT
WEATHER	WARM	FILE	CHANDLER

X = Section Corners Located



# CHANDLER & ASSOCIATES, INC.

1401 DENVER CLUB BUILDING

DENVER, COLORADO 80202  
OIL AND GAS EXPLORATION AND PRODUCTION

303 629-6756

June 1, 1982

U.S. Geological Survey  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, Utah 84104  
ATTN: Edgar W. Guynn

Re: Application for Permit to Drill  
Ferron-Federal 6-1  
SE NW Sec. 1-17S-7E  
Emery County, Utah

Gentlemen:

Enclosed is the additional information required for permitting the above well:

1. Surface Formation: Williams Fork Formation
2. Geological Markers:


Ferron	4580'
Dakota	5430'
3. Producing Formation: Dakota
4. Casing Program: Surface - 8-5/8" 24#, Grade K-55 new  
Production- 5 1/2" 15.5#, Grade K-55, new
5. Blowout Preventer: (a) Shaffer 10" 900 double hydraulic with  
Payne closing unit. One set rams blind and  
one set for 4" drill pipe; tested upon  
installation and daily. (b) 10" 900 rotary  
head for use while air or mist drilling.  
Schematic diagram attached.
6. Circulating Medium: Well will be drilled with compressed air and  
mist if required. Mud up will occur for  
running casing only.
7. Auxiliary Equipment: (a) Drill String Floats will be used.  
(b) Float will be used.  
(c) No monitoring on mud system as air will  
be used for drilling.  
(d) Stabbing valve will be used for drill pipe.
8. Evaluation Program: No drill stem tests will be run due to air  
drilling. No cores are anticipated. An IES  
and GR-Density will be used for logging.

8. Evaluation Program Cont.: Should this evaluation program indicate commercial quantities of hydrocarbons are in place, casing will be set and completion attempted utilizing hydraulic fracturing techniques. The size of treatment, pounds of propan, volume and type of fluid will be determined after log and formation analysis is completed.
9. Potential Hazards: No abnormal high pressure, temperatures or hydrogen sulfide gas should be encountered. productive zone is normal in pressure and gas analysis indicate no H<sub>2</sub>S hazard.
10. Starting Date: The anticipated starting date is June 20, 1982 with operations being conducted for 10 days.

Please notify us if any additional information is necessary for the permitting of this well.

Yours truly,

CHANDLER & ASSOCIATES, INC.

  
James W. Rowland

Attachment

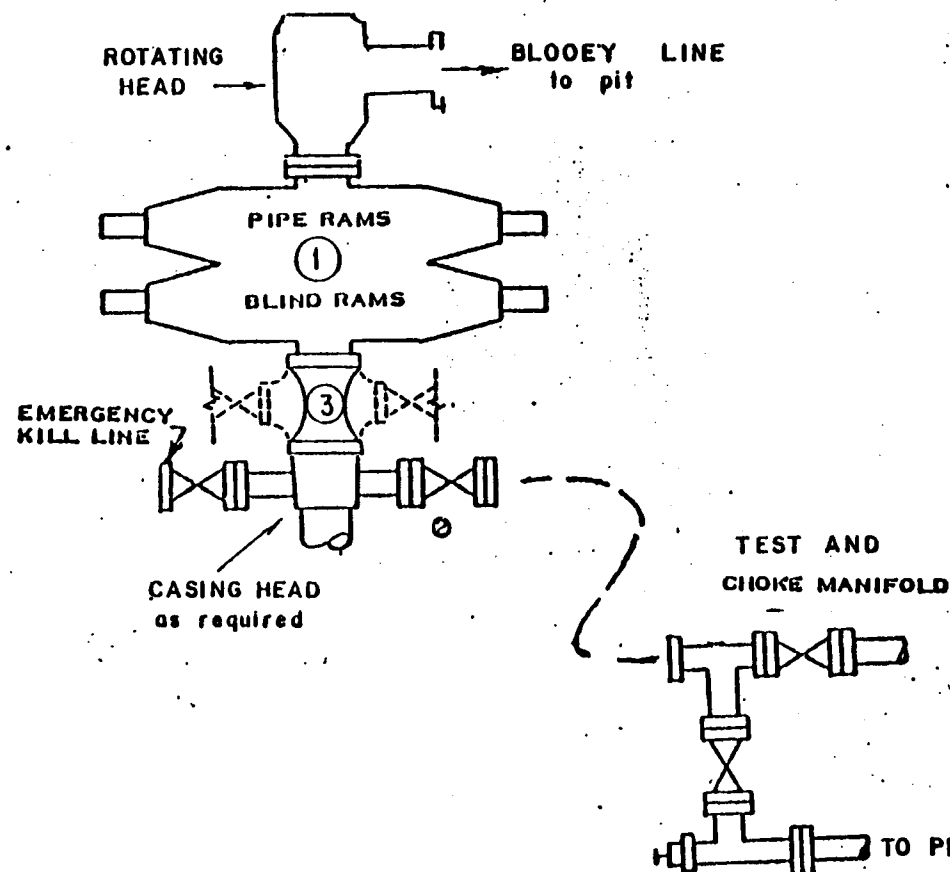
MS

# DOUBLE PREVENTER

FOR

AIR DRILLING

- ① SERIES 900 RAM-TYPE BOP
- ② 2" SERIES 900 VALVE
- ③ SERIES 900 DRILLING SPOOL



..... OPTIONAL EQUIPMENT

CHANDLER AND ASSOCIATES, INC.

3000 PSI WORKING PRESSURE  
BLOWOUT PREVENTER HOOK-UP  
(SERIES 900 FLANGES OR BETTER)

Rev. 12/77

FIGURE NO. 4

CHANDLER & ASSOCIATES, INC.

13 Point Surface Use Plan

For

Well Location

Ferron Federal #6-1

Located In

Section 1, T17S, R7E, S.L.B. & M.

Emery County, Utah

CHANDLER & ASSOCIATES, INC.  
Ferron Federal #6-1  
Section 1, T17S, R7E, S.L.B. & M.

## 1. EXISTING ROADS

See attached Topographic Map "A" & "B".

To reach CHANDLER & ASSOCIATES, INC. well location site Ferron Federal #6-1, located in Lot 11 Section 1, T17S, R7E, S.L.B. & M. Emery County, Utah:

Proceed Northwesterly out of Huntington, Utah on the Utah State Highway 31 + 8.2 miles to its junction with an existing gravel surfaced road to the Southwest; proceed along this road 1.3 miles to its junction with the proposed access road (to be discussed in Item #2).

The Highway mentioned above is a bituminous surfaced road and is maintained by Utah State road crews. The gravel road described above is an improved gravel surfaced road which is used as an access to the Huntington Power Plant.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well will be maintained to insure proper travel both entering and leaving the area. This may require some minor grader work, for smoothing of the road bed and for snow removal.

There will be no construction required on any of the above described roads. They will meet the necessary requirements for access to the proposed well site.

## 2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed road leaves the existing improved gravel road in Lot 11 Section 1, T17S, R7E, S.L.B. & M., and proceeds in a Northeasterly direction + 500' to the proposed location site in Lot 11 Section 1, T17S, R7E, S.L.B. & M.

The proposed access road will be an 18' crown road (9' either side of the centerline) with a drain ditch on the uphill side of the road which will handle any run-off from normal meteorological conditions that are prevalent to the area.

The grade along this road is relatively level, however the maximum grade along this road will not exceed 8%.



There are no drainages encountered along this access road. There will be no culverts required.

If deemed necessary at the time of the onsite inspection turnouts will be constructed for safety purposes. These turnouts will be constructed according to the specifications found on page 25 of the Oil and Gas Surface Operating Standards Manual prepared by the B.L.M. and U.S.G.S.

There are no fences encountered along this proposed road. There will be no new gates or cattleguards required.

### 3. EXISTING WELLS

See Topographic Map "B".

There are no known producing wells, water wells, abandoned wells, temporarily abandoned wells, disposal wells, drilling wells, shut-in wells, injection wells, monitoring or observation wells for other resources located within in a one-mile radius of this location site.

### 4. LOCATION OF EXISTING AND PROPOSED FACILITIES

At the present time there are no other CHANDLER & ASSOCIATES, INC. production facilities, gas gathering lines, tank batteries, oil gathering lines, injection lines or disposal lines within a one-mile radius. All existing facilities in the area are owned and operated by other companies.

In the event that production of this well is established, it will be contained within the location site until further plans can be submitted to the authorities for transportation of the produced materials.

The area used to contain the proposed production facilities will be built using native materials. If these materials are not acceptable then other arrangements will be made to acquire them from private sources. These facilities will be constructed using bulldozers, graders, and workman crews to construct and place the proposed facilities.

Rehabilitation of disturbed areas no longer needed for operations after construction is completed will meet the requirements of Item #10.

### 5. LOCATION AND TYPE OF WATER SUPPLY

Water to be used for the drilling of this well will be hauled by truck over the roads described in Items #1 and #2 from Cottonwood Creek which is approximately 1 mile North of the proposed location.

There will be no water well drilled at this location site.

If in the event water from the above mentioned source is not available, then other arrangements will be made and all concerned agencies will be notified.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

All surface disturbance is on B.L.M. lands.

7. METHODS OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will be approximately 8' deep and at least one half of this depth shall be below the surface of the existing ground.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals and produced fluids, etc.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed if deemed necessary to protect the water fowl, wildlife, and domestic animals.

As stated in the aforementioned paragraphs, non-flammable materials such as cuttings, salts, and drilling fluids, will be contained in the reserve pits.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

All produced water, if any will be disposed of according to NTL-2B requirements.

All garbage and other waste material will be contained in a trash basket made of small mesh wire and will be taken to the nearest sanitary landfill for disposal upon completion of the well.

A portable chemical toilet will be provided for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site and road.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make them safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet). When all drilling and production activities have been completed, the location site and access road will be reshaped to the the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the pits shall be buried with a minimum of 4' of cover.

As mentioned in Item #7, the reserve pits will be completely fenced with wire and overhead flagging installed if there is oil in the pits, and then allowed to dry completely before covering. All items mentioned above will be completed within 90 days after commencement of restoration procedures.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10, and the Oil and Gas Surface Operating Standards Manual.

11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A").

The area slopes from the Manti - Lasal Forest to the West to the Castle Valley to the East. The area is interlaced with numerous canyons and ridges which are extremely steep with numerous ledges formed in sandstone, conglomerates, and shale deposits.

The soils in this semi-arid area of the Williams Fork Formation (Upper Cretaceous) and Wasatch Formation (Eocene) consist of light brownish-gray clays (OL) to sandy soil (SM-ML) type with poorly graded gravels.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a sandy clay (SM-ML) type soil to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 10".

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area are common of the semi-arid regions and consists of pine and oak brush as the primary flora with areas of sagebrush, rabbitbrush, greasewood, some grasses and cacti.

The fauna of the areas is sparse and consists predominantly of the mule deer, coyotes, bears, rabbits, and varieties of small ground squirrels and other types of rodents.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The area is used by man for the primary purpose of grazing domestic livestock.

The Topography of the Immediate Area - (See Topographic Map "B").

Ferron Federal #6-1 is located on a sloping hillside area above a non-perennial drainage which drains to the North into Huntington Creek.

The ground slopes through this location site at approximately a 17.0% grade towards the Northwest.

The majority of the drainages in the area around this location are non-perennial and run in a Northeasterly direction into Huntington Creek.

The geologic structure of the area immediately surrounding the location site is of the Williams Fork Formation and consists of light brown sandy clay soil with some sandstone outcrops.

The vegetation in the immediate area surrounding the location site is predominantly sagebrush and grasses.

CHANDLER & ASSOCIATES, INC.  
Ferron Federal #6-1  
Section 1, T17S, R7E, S.L.B. & M.

All lands disturbed by this location site and road are under B.L.M. jurisdiction.

The Huntington Power Plant is located approximately 0.5 miles North of the location site. There are numerous high powered transmission lines in the area.

There are no visible archaeological, historical or cultural sites within any reasonable proximity of the proposed location site. It will be determined by an archaeologist whether there are any archaeological findings in the area. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Richard Veghte  
Vice President and Engineer  
1401 Denver Club Building  
Denver, CO 80202

1-303-629-6756

13. CERTIFICATION

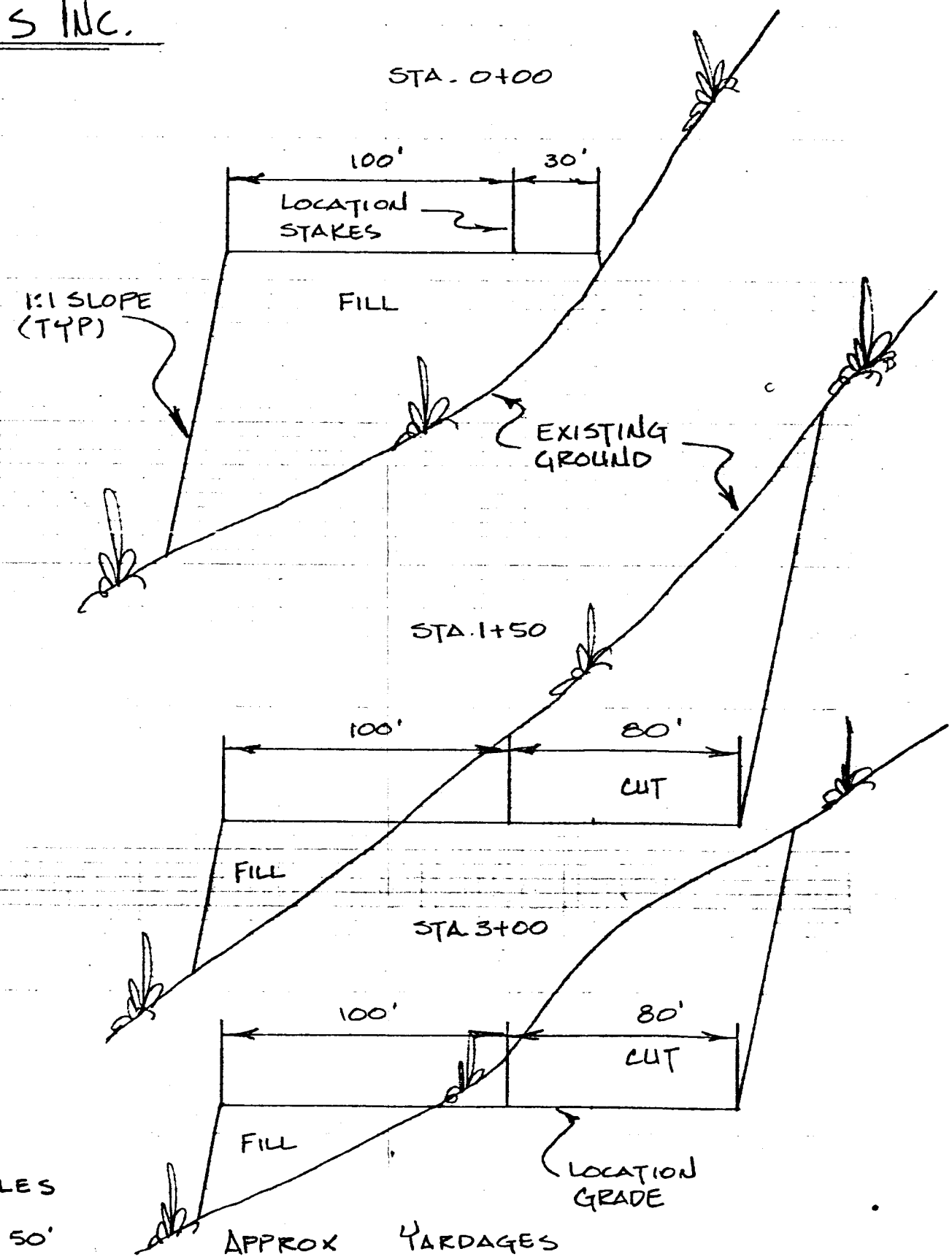
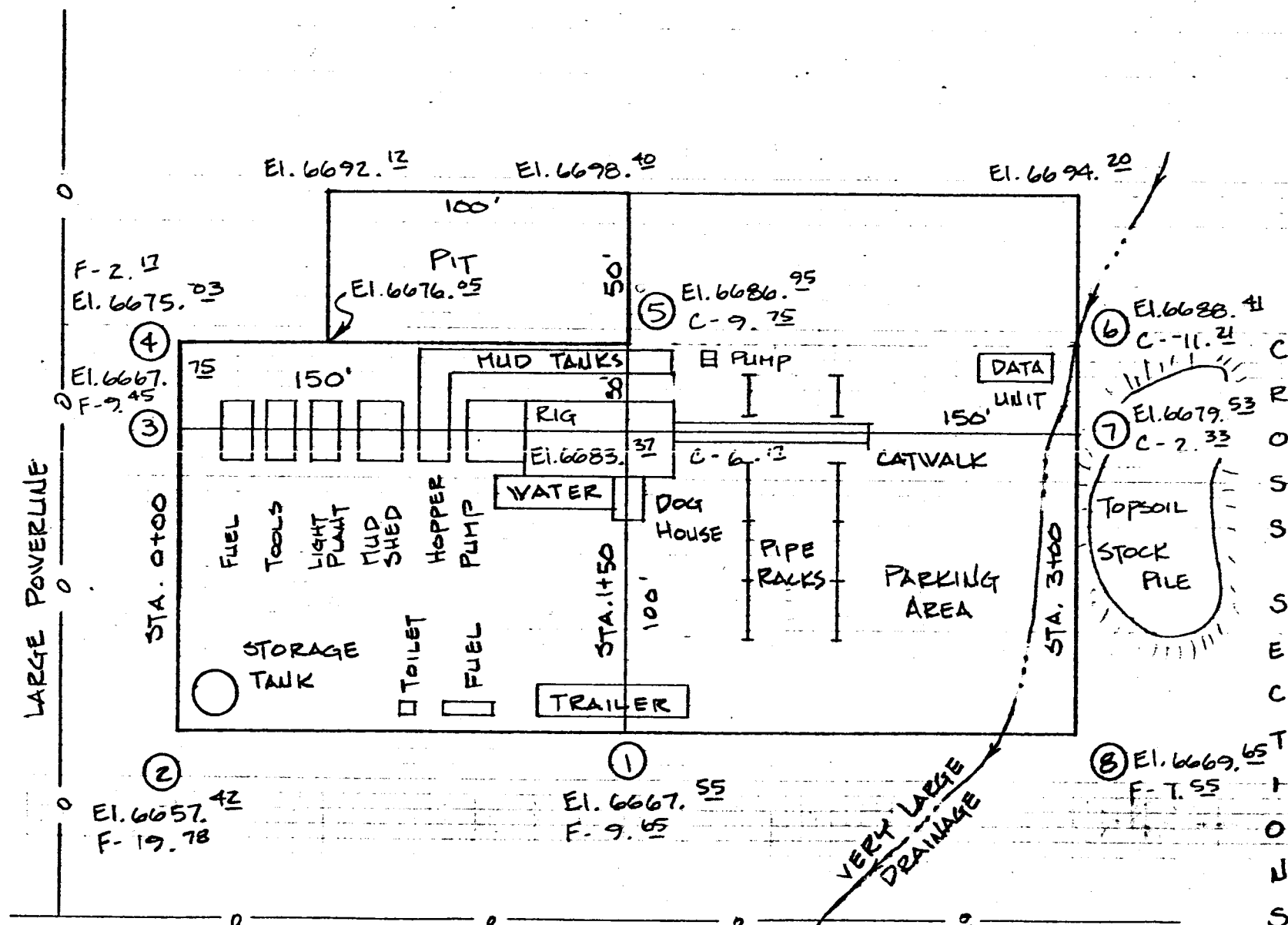
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operation proposed herein will be performed by CHANDLER & ASSOCIATES INC. and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

June 1, 1982  
Date

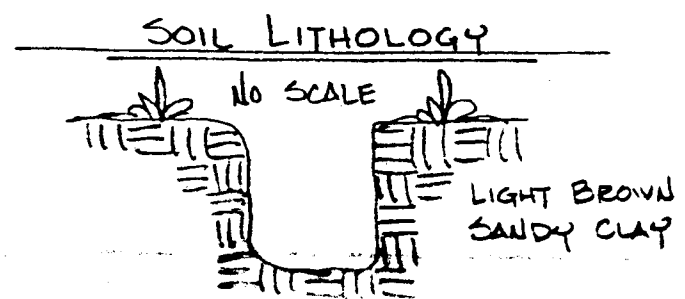
James W. Rowland for R. Veghte  
Richard Veghte

# CHANDLER & ASSOCIATES INC.

FERRON FEDERAL #6-1



CU. YDS. CUT - 8163  
CU. YDS. FILL - 7978



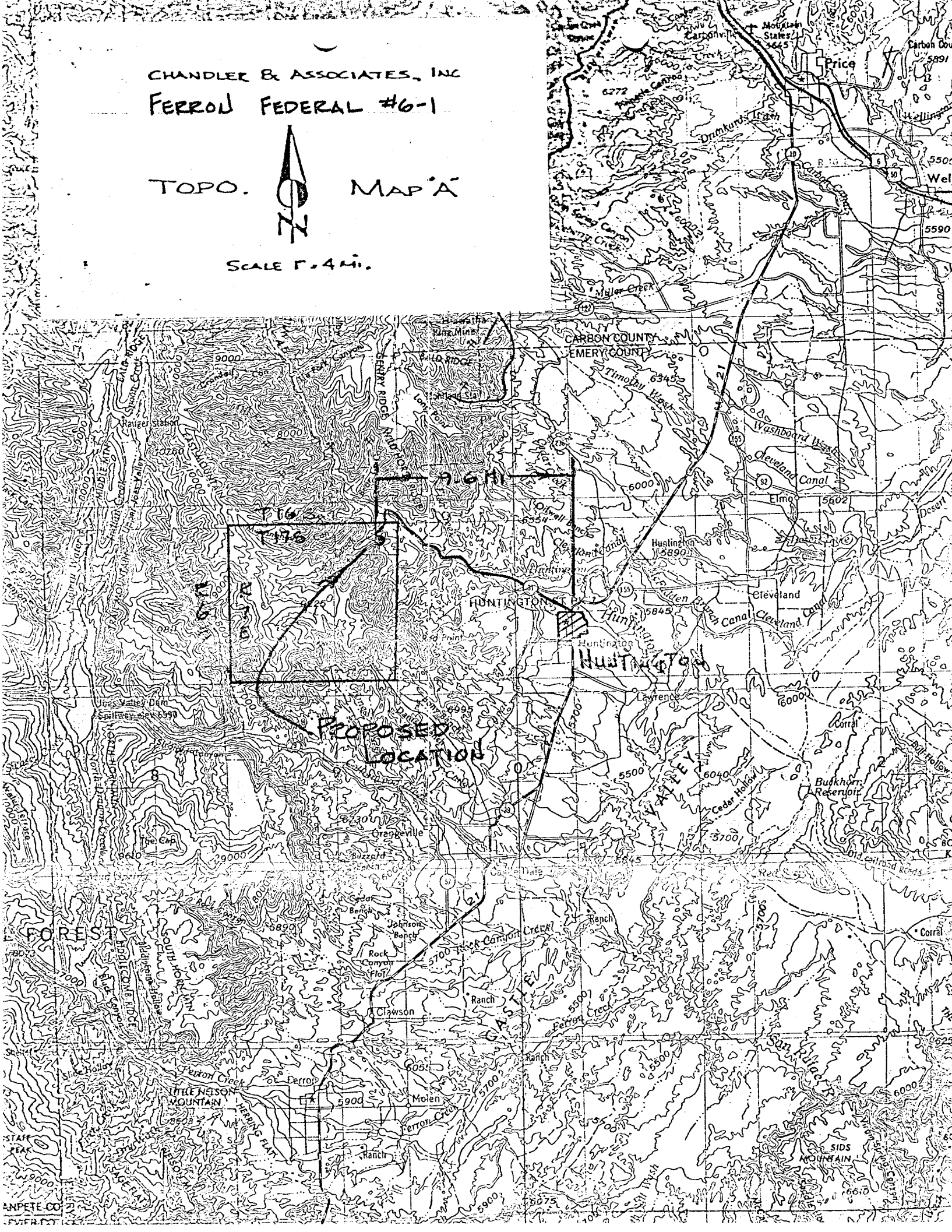
CHANDLER & ASSOCIATES, INC  
FERRON FEDERAL #6-1

TOPO.

MAP 'A'



SCALE 1" = 4 MI.





**CHANDLER & ASSOCIATES, INC.**

1401 DENVER CLUB BUILDING

DENVER, COLORADO 80202

303 629-6756

OIL AND GAS EXPLORATION AND PRODUCTION

June 1, 1982

**RECEIVED**

JUN 07 1982

U.S. Geological Survey  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, UT 84104  
ATTN: Edgar W. Gynn

**DIVISION OF  
OIL, GAS & MINING**

RE: Application for Permit to Drill

Ferron-Federal 6-1  
SE NW Sec. 1-17S-7E  
Emery County, Utah

Dear Ed;

Please find enclosed the Application for Permit to Drill, NTL-6, 10-Point Plan, BOP Schematic and Plat for the above mentioned well.

If you have any further questions, please feel free to call.

Sincerely yours,

Marty L. Skagen

enclosures  
MLS

cc: Utah Oil & Gas Commission  
4241 State Office Bldg.  
Salt Lake City, Utah 84114  
ATTN: Debbie Beauregard



✓

\*\* FILE NOTATIONS \*\*

DATE: June 10, 1982  
OPERATOR: Chandler & Associates, Inc.  
WELL NO: Ferron - Federal # 16-1  
Location: <sup>SE NW</sup> Sec. 1 T. 17S R. 7E County: Emery

File Prepared: ☒

Entered on N.I.D: ☐

Card Indexed: ☐

Completion Sheet: ☐

API Number 43-015-30116

CHECKED BY:

Petroleum Engineer: OK Rule C-3

Director: \_\_\_\_\_

Administrative Aide: As Per Rule C-3

APPROVAL LETTER:

Bond Required: ☒

Survey Plat Required: ☐

Order No. \_\_\_\_\_

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage  
within a 660' radius of proposed site ☐

Lease Designation FED

Plotted on Map ☒

Approval Letter Written ☒

Hot Line ☒

P.I. ☒

July 7, 1982

Chandler & Associates, Inc.  
1401 Denver Club Bldg.  
Denver, Colorado 80202

RE: Well No. Ferron Federal #6-1  
Sec. 1, T17S, R7E  
Emery County

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

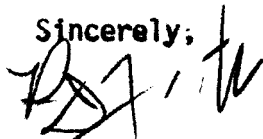
CLEON B. FEIGHT  
Office: 533-5771  
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-015-30116.

Sincerely,



RONALD J. FIRTH  
CHIEF PETROLEUM ENGINEER

RJF:SC  
cc: Minerals Management Service  
Enclosure

λ

Oil and Gas Operations  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

October 29, 1982

Chandler & Associates, Inc.  
1401 Denver Club Building  
Denver, Colorado 80202

Re: Return Application for Permit  
to Drill  
Well No. 6-1  
Section 1-T17S-R7E  
Emery County, Utah  
Lease No. U-23777

Gentlemen:

The Application for Permit to Drill the referenced well was received in this office June 7, 1982.

In our letter to you dated August 19, 1982, it was stated that the application would have to be brought administratively complete within 45 days. Since this has not been accomplished, we are returning the application unapproved.

If you again desire to drill at this location, a new complete package must be submitted.

If you have any questions, please feel free to call this office.

Sincerely,

E. W. Gynn  
District Oil & Gas Supervisor

bcc: SMA  
State O&G ✓  
ES/George  
Well File  
APD Control  
DH/dh

November 12, 1982

Chandler & Associates, Inc.  
1401 Denver Club Building  
Denver, Colorado 80202

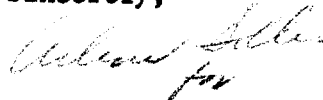
RE: Well No. 6-1  
Sec. 1, T.17S, R.7E  
Emery County, Utah

Gentlemen:

Approval of Application for Permit to Drill the above referenced well is rescinded without prejudice as of the above date in concert with action taken by Minerals Management Service.

If you intend to drill this location at a future date, a new application for permit to drill may be submitted for State approval.

Sincerely,

A handwritten signature in cursive script, appearing to read "Norm Stout", with a small "for" written below it.

Norm Stout  
Administrative Assistant

NS/as